



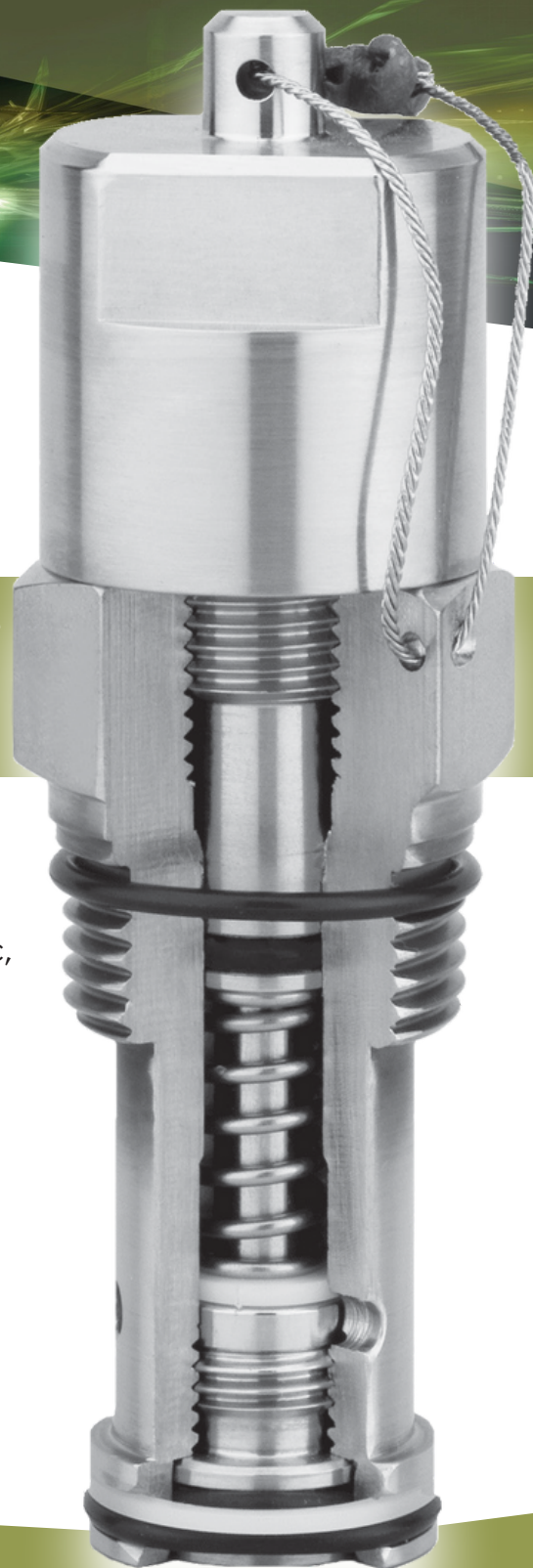
VALVES

Relief

BiS offer a comprehensive range of stainless steel safety relief and relief valves for use on a wide range of media, from low pressure valves that vent to atmosphere, to high pressure (137.9 bar, 20,000 psi) riped return valves. Typically, low pressure valves offer a pop open characteristic, while higher pressure valves offer proportional or metering style operation.

BiS relief valves are CE marked to denote approval as Category IV safety accessories under the 97/23/EC Pressure Equipment Directive.

Many options are available, including cartridge and manifold mounted versions, and many valves are available in exotic materials, including monel, inconel, hastelloy and titanium.



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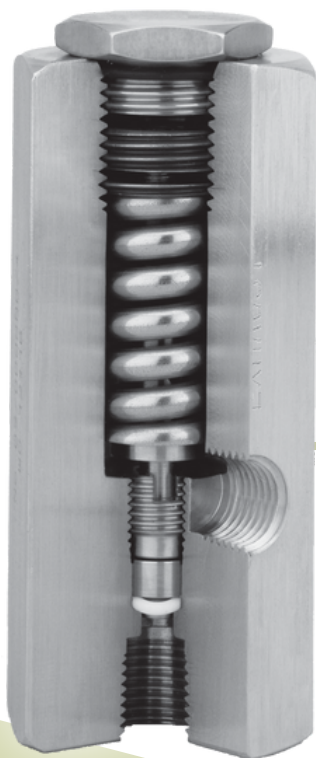


	Connection	Max Pressure	Media	Valve Type
Safety Relief Valves	1/4"	40 bar (580 psi)	Liquids & Gases	S25 & TS25
	3/8"	40 bar (580 psi)	Liquids & Gases	S37 & TS37
	1/2"	40 bar (580 psi)	Liquids & Gases	S50 & TS50
	3/4"	40 bar (580 psi)	Liquids & Gases	S75 & TS75
	1"	28 bar (406 psi)	Liquids & Gases	S100 & TS100
Relief Valves	1/4"	1,379 bar (20,000 psi)	Liquids	RL25
	1/4"	414 bar (6,000 psi)	Liquids & Gases	RL25-G
	3/8"	1,379 bar (20,000 psi)	Liquids	RL37
	3/8"	414 bar (6,000 psi)	Liquids & Gases	RL37-G
	1/2"	1,034 bar (15,000 psi)	Liquids	RL50
	1/2"	414 bar (6,000 psi)	Liquids & Gases	RL50-G
	3/4"	1,034 bar (15,000 psi)	Liquids	RL75
	3/4"	414 bar (6,000 psi)	Liquids & Gases	RL75-G
	1"	207 bar (3,000 psi)	Liquids	RL100
	1"	207 bar (3,000 psi)	Liquids & Gases	RL100-G

Relief Valves

Safety Relief Valves

- ☐ Set pressures from 0.7 bar to 40 bar
- ☐ 1/4" to 1" ports, typically NPT or BSP
- ☐ Vent to atmosphere and threaded exhaust designs
- ☐ Pop open characteristic for maximum discharge capacity
- ☐ Elastomeric sealing technology for virtually zero leakage at 90% of set pressure
- ☐ Suitable for liquid and gas applications
- ☐ Various seal options available



Relief Valves

- ☐ Set pressures from 27bar to 1379bar
- ☐ 1/4" to 1" ports available
- ☐ NPT, BSP and medium pressure port options
- ☐ Subsea variants available
- ☐ Liquid and gas duty variants
- ☐ Various seal options
- ☐ Cartridge versions available